Lead-Tin
SLOTOLET KB

Lead-Tin SLOTOLET KB is for the use in reel-to-reel plants. If in special cases, where high lead contents are desired, the process can be also applied at barrel parts at low current densities. The acidic and fluoride-free electrolyte deposits dendrite-free, fine-crystalline lead-tin coatings even at thick layers. The composition of the coating varies between 5 and 90 % lead, depending on the chosen ratio. The achievable current density is very high, depending on the present electrolyte parameters. Under the operating conditions indicated, the achievable anodic current density is so high, that a passivation of the anodes mustn't be expected.

Further advantages are an excellent metal distribution as well as the solderability of the coatings even after longer storage. Components of glass and ceramic aren't attacked, because the electrolyte is free of fluoride. The application of titan is also suitable, e. g. for contacting of the anodes.

The information in this data sheet is based on laboratory as well as practical experience. Figures quoted for operating limits and replenishment quantities are for guidance. Actual values necessary will depend on the components being plated (material and geometry), their application and plating plant conditions.

Important:
Please read this instruction carefully prior to the use of the process and carefully follow all the parameters that have a direct influence on the operation. We reserve the right to make technical changes. In the interest of safety, please pay attention to the hazard warnings on the labels of the containers. The minimum shelf life of the products is included on the labels and is also available in the appropriate Quality Assurance (QA03).
The current IMDS number of the layer deposited from the process is available on the internet at www.schloetter.com/downloads.
For the storage of chemical products the TRGS 510 must be followed.
If the additives used in this process contain a SVHC-substance, then this will be specified in the corresponding Material Safety Data Sheet, section 15.

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